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8 July 2016

MSR Commissions Garnet Separation Plant

Mineral Commodities Ltd ("MRC" or "The Company") is pleased to advise that its South African subsidiary Mineral Sands Resources (SA) Pty Ltd ("MSR") has completed the installation and commissioning of the Garnet Separation Plant ("GSP").

As previously advised, the GSP has been installed at the front of the existing Secondary Concentrate Plant ("SCP"). The installation of the GSP is expected to increase the non-magnetic zircon/rutile feed grade to the SCP by removing the garnet fraction from the Heavy Mineral Concentrate ("HMC") prior to the SCP. This, in turn, will allow a higher grade non-magnetic concentrate to be fed to the existing magnetic circuit, and thereby increase overall final zircon/rutile concentrate production.

Operating the GSP in-conjunction with the earlier installed Tailings Scavenger Plants ("TSP") is expected to:

- Increase the overall GSP/SCP HMC feed rate from the current SCP design feed rate of 61.6tph (current operating throughput is circa 77.2tphr) of HMC feed to a combined GSP/SCP HMC feed rate of 100.0tphr of HMC feed;
- Increase overall zircon recoveries from circa 68% in the current SCP to 85% in the GSP/SCP;
- Increase combined zircon recovery from the Primary Beach Concentrators ("PBCs") and TSPs, expected to be 92.0%;
- Produce a higher quality zircon/rutile Concentrate product, increasing from 72% contained zircon from the current SCP to 80% contained zircon in the GSP/SCP;
- Increase overall GSP / SCP processing garnet and ilmenite recoveries;
- Produce a higher quality garnet concentrate product from the current circa 60% to +80% contained garnet;
- Increase the production on zircon/rutile concentrates by approximately 25%; and
- Increase ilmenite concentrate production by circa 180%.

The existing SCP was shut down for a period of 9 days to allow the tie in integration of the new GSP circuit. The plant has been operating now for 3 days with ramp up to full production expected in the next few days. Indications are that the plant is performing in accordance with design criteria.

Final completion of residual construction activities and punch list items will occur in the next two weeks. Development and commissioning on the GSP Project was finished on budget and within a week of the initial project development schedule.

For enquiries regarding this release please contact:

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